

Title (en)
LONG STROKE PACKER

Publication
EP 0446517 A3 19920909 (EN)

Application
EP 90308065 A 19900724

Priority
US 49471890 A 19900316

Abstract (en)
[origin: EP0446517A2] A packer (10) for use in a well bore has a housing assembly (22) with an operating mandrel assembly (32) disposed therein. A packer mandrel assembly (24) is slidably connected to the housing assembly (22). During operation, the operating mandrel assembly may be actuated to cycle a tool below the packer without setting the packer. After the operating mandrel assembly and housing assembly are moved a predetermined amount with respect to the packer mandrel assembly, the housing assembly is brought into contact with a sliding shoe (172) on the packer mandrel assembly which in turn engages and deforms packer elements (26) into sealing engagement with the well bore. <IMAGE>

IPC 1-7
E21B 33/129

IPC 8 full level
E21B 33/129 (2006.01)

CPC (source: EP US)
E21B 33/1292 (2013.01 - EP US); **E21B 33/1294** (2013.01 - EP US)

Citation (search report)
• [A] US 4619319 A 19861028 - RINGGENBERG PAUL D [US]
• [A] US 3045755 A 19620724 - PAGE JOHN S, et al
• [A] US 2382094 A 19450814 - PHIPPS JOHN T
• [A] US 1925016 A 19330829 - WELLS WALTER T

Cited by
EP1172520A3

Designated contracting state (EPC)
DE DK FR GB IT NL

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EP 0446517 A2 19910918; EP 0446517 A3 19920909; EP 0446517 B1 19941130; AU 5916690 A 19910919; AU 632146 B2 19921217; BR 9004023 A 19911112; CA 2023236 A1 19910917; DE 69014599 D1 19950112; DE 69014599 T2 19950524; DK 0446517 T3 19950508; NO 903556 D0 19900814; NO 903556 L 19910917; US 5044434 A 19910903

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